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CLAIMS

WHAT IS CLAIMED IS:

- A process comprising contacting PO3G having color with adsorbent and separating the PO3G and adsorbent, wherein the PO3G, after contact with the adsorbent, has a molecular weight of about 250 to about 5000 and a APHA color of less than about 50.
- 10 2. The process of claim 1, wherein the color of the PO3G, after contact with the adsorbent, has a APHA color of less than about 40.
 - 3. The process of claim 1, wherein the color of the PO3G, after contact with the adsorbent, has a APHA color of less than 30.
 - 4. The process of claim 1, wherein the color of the PO3G, after contact with the adsorbent, has a APHA color of less than about 20.
- 5. The process of claim 1, wherein the PO3G has a molecular weight of about 500 to about 4000.
 - 6. The process of claim 1, wherein the PO3G has a molecular weight of about 1000 to about 3000.
- 7. The process of claim 1, wherein the adsorbent comprises at least one of activated carbon, alumina, silica, diatomaceous earth, montmorillonite clays, Fuller's earth, kaolin minerals and derivatives thereof.
- 30 8. The process of claim 1, wherein the adsorbent comprises activated carbon.

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- 9. The process of claim 8, wherein the PO3G is contacted with about 0.1 to about 5 weight % of the activated carbon based on the weight of the PO3G.
- 5 10. The process of claim 8, wherein the PO3G is contacted with about 0.25 to about 3 weight % of the activated carbon based on the weight of the PO3G.
- 11. The process of claim 9, wherein the contacting is conducted at a temperature of about 10° to about 150°C.
 - 12. The process of claim 11, wherein the contacting is conducted at a temperature of about 25° to about 100°C.
- 15 13. The process of claim 11, wherein the contacting is conducted for a period of about 5 to about 60 minutes.
 - 14. The process of claim 13, wherein the contacting is conducted for a period of about 10 to about 30 minutes.

15. The process of claim 1, wherein the PO3G has a APHA color, before contact with adsorbent, of at least 50.

- 16. The process of claim 1, wherein the PO3G has a APHA color, before contact with adsorbent, of about 70 to about 300.
 - 17. The process of claim 16, wherein the APHA color, before contact with adsorbent, is about 85 to about 250.
- 18. The process of claim 16, wherein the APHA color, before contact with adsorbent, is about 100 to about 200.

- 19. The process of claim 1, wherein the APHA color is reduced by at least about 50%.
- 20. The process of claim 1, wherein the APHA color is reduced 5 by at least about 60%.
 - 21. The process of claim 1, wherein the APHA color is reduced by at least about 70%.
- 10 22. A process comprising:
 - (a) providing reactant comprising 1,3-propanediol and polycondensation catalyst;
 - (b) polycondensing the reactant to PO3G having color;
 - (c) contacting the PO3G with adsorbent; and
- (d) separating the PO3G and adsorbent, wherein the color of the PO3G, after contact with the adsorbent, has a APHA color of less than about 50.
- 23. The process of claim 22, wherein the adsorbent comprises activated carbon, the PO3G is contacted with about 0.1 to about 5 weight % of the activated carbon based on the weight of the PO3G, and the contacting is conducted at a temperature of about 10° to about 150°C.
- 24. A product comprising: (i) PO3G having color and (ii) adsorbent, wherein the PO3G has a APHA color of less than about 50.
 - 25. The product of claim 24, wherein the PO3G has a APHA color of less than about 40.
- 30 26. The product of claim 24, wherein the color of the PO3G wherein the PO3G has a APHA color of less than 30.

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- 27. The product of claim 24, wherein the color of the PO3G has a APHA color of less than about 20.
- 28. The product of claim 24, wherein the adsorbent is at least one of activated carbon, alumina, silica, diatomaceous earth, montmorillonite clays, Fuller's earth, kaolin minerals and derivatives thereof.
- 29. The product of claim 24, wherein the adsorbent is activated 10 carbon.
 - 30. The product of claim 24, containing about 0.25% to about 5 % adsorbent.
 - 31. The product of claim 24, containing about 1% to about 3% activated carbon.